Military Field Dental System Training

59th Dental Squadron
Lackland Air Force Base

Pioneered by
Lt Col Page McNall
TSgt Armando Mora

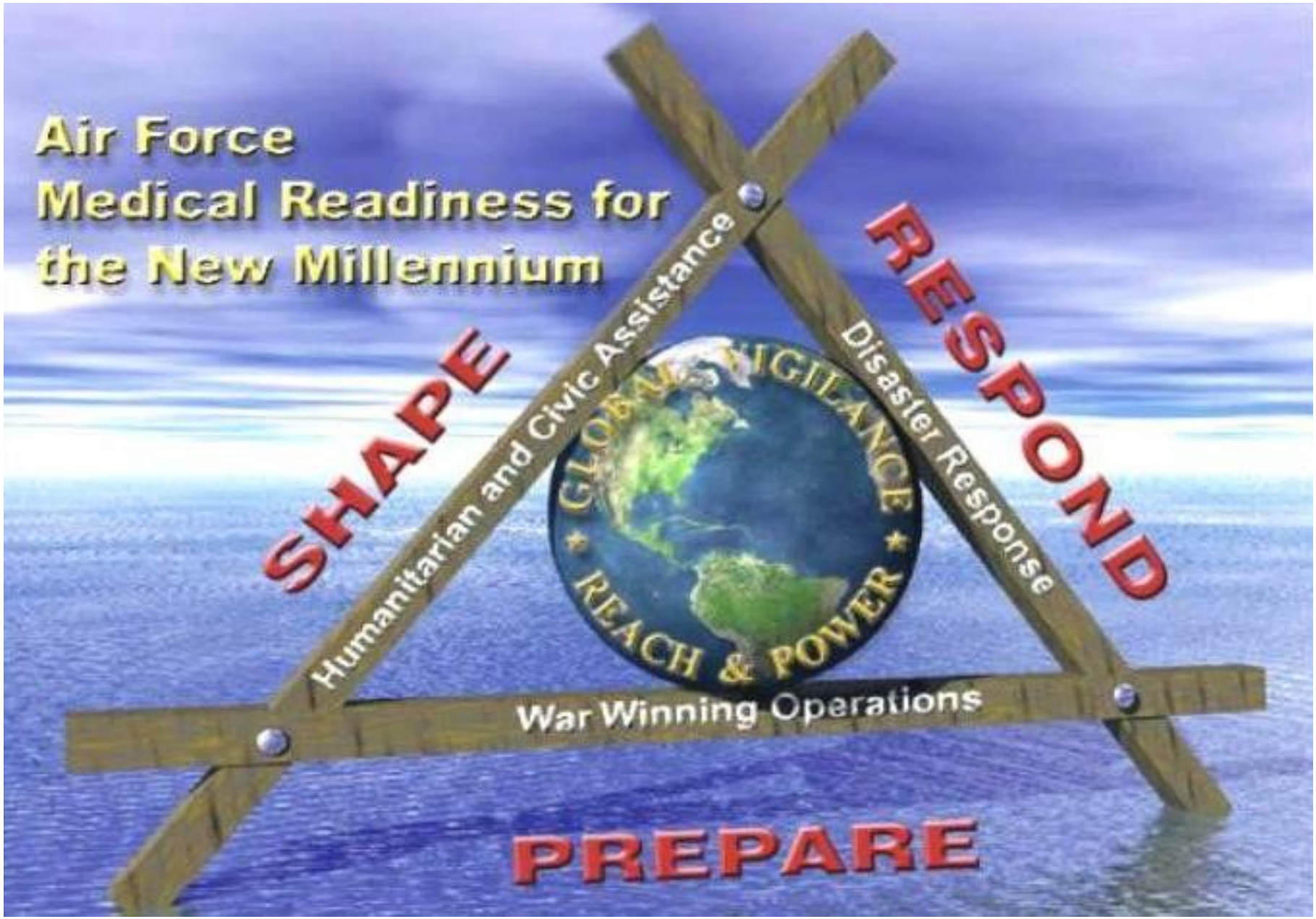
In coordination with

And many thanks to:

- Lt Col Salvador Flores
  - Dental Readiness Consultant
- Col Carlos Esquivel
  - 59th DS Readiness OIC
  - Humanitarian Missions
- Col JP Fancher
  - Director of Education
- Lt Col Jennifer Harte
  - Infection Control
- Lt Col Diane Flint & Maj Ender Ozgul
  - Digital Radiology
- TSgt Brian Briggs
  - Medical Maintenance
- TSgt Lori Jansen
  - Logistics

Overview

- Types of missions
- Field Dental Unit
  - Description
  - Set-up
  - Maintenance
  - Troubleshooting
- Digital Radiology Unit
  - Separate briefing available on DIS Readiness website


Air Force
Medical Readiness for
the New Millennium
SHAPE
RESPOND
PREPARE
Humanitarian and Civic Assistance
Disaster Response
GLOBAL VIGILANCE
REACH & POWER
War Winning Operations

Shape Humanitarian Missions

- Purposes
  - Promote goodwill and security interest of the U. S.
  - Train dental team to work in austere conditions
  - Provide basic dental care to the indigent population
  - Educate in preventive dental health care

New Horizons 2002
El Salvador

As of:

Humanitarian Missions

Oral surgery Instrument set-up

- Team Composition
  - 1-2 Dentists
  - 1-2 Technicians
- Equipment
  - Primarily oral surgery instruments
  - Excavators

ART Instruments

Humanitarian Missions

- **Treatment**
  - **Extractions**
  - **ART**
    - **Atraumatic Restorative Treatment**
      - Separate briefing available in DIS website

Respond
Disaster Preparedness

- Flood
  - 2001 Houston, Texas

Field Dental System in action

Houston freeways under water

Prepare Operation Enduring

Dental assets

- Tents, equipment, personnel
  - EMEDS Basic
  - EMEDS + 10
  - EMEDS + 25
- Augmentation team
  - OMFS

m

EMEDS

- Light - requires minimal airlift
- Lean – 30-day supply
- Modular - designed for small, medium, and large populations

Primary Mission

- General Dental Team
  - Prompt resolution of symptoms
    - Return to duty immediately
  - Emergency stabilization of combat injuries
  - Emergency dental treatment for pain and swelling
    - Infected third molars (wisdom teeth)
    - Acute tooth ache requiring root-canal treatment
    - Fractured teeth
- Busiest clinic in medical facility

Typical EMEDS Basic Alaskan Tent & Dental

Alaskan Tents

Dental treatment room in a deployed setting

Dental “office” in a deployed setting

EMEDS +25

Alaskan tent set up in warehouse
Clean with hard, even floors!

Equipment Set Up

- BMETS (Biomedical Equipment Repair and Support)…your best friend
  - Electricity and computer lines
  - Set-up and maintenance
- Plan DTR
  - Based on mass-casualty patient-flow plan
  - Consider access to patient, noise from compressor, location of digital-radiology unit, privacy
- Logistics
  - Current allowance standard listing on AF Medical Logistics website
  - Password protected, restricted access
  - https://afml.ft-detrick.af.mil/afmlo/index.cfm
- Perform complete inventory

AF Medical Logistics

Air Force Medical Logistics - Microsoft Internet Explorer
https://afml.ft-detrick.af.mil/afmlo/index.cfm
AIR FORCE MEDICAL LOGISTICS
LEADING FOCUSED, FULL SPECTRUM, INTEGRATED LOGISTICS - WORLDWIDE
Home Policy Resource Mgt Readiness Clinical Eng Procurement VASS Systems Events Career Corner
Puzzle Six
About AF Medical Logistics
Bluebook
AFMLL
Discussion Forums
Frequently Asked Questions (FAQs)
Feedback
Customer Survey
Links
AFMAN 23-110/Vol 5
MEDLOGSPT.ARMY.MIL
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2002 Medical Logistics Awards Program
DLA Logistics Exchange
January 2003 AFMLL
Operationalized Logistics
47th Medical Logistics Symposium
The AF Medical Logistics Operations Center (AFMLOC) is operational 0700 - 1700 M-F
Policy
AFMAN 23-110/Vol 5, Getting Started in Medical Logistics, Business Plan, Policy Letters....
Resource Management
Air Force Working Capital Fund, Other Procurement Programs (OP), Real Property Maintenance, Central Contracts....
Medical Readiness
Assembly Management, Anthrax Vaccine Program, Central Procurement, Expeditionary Medical Logistics...
Clinical Engineering
Facility Management, Clinical Equipment, Medical Technology Integration and Support...
Business Analysis
Production Plan, Requisition Priorities and Force Activity Designators, War Reserve Material Spend Plan
Procurement Services (VA Operating Activities)
Stock Management (SLIP, Excess/TRIMEDS, Quality Assurance, Vaccine Programs(Anthrax Vaccine, Flu Vaccine), Report of Discrepancy)
Contracting (PV, ECAT, DBPAs, Central Buys, DNA Kits, PMI Procurement, Performance Work Statements, QA Surveillance Program, COR Training, OAE Desk Reference, Government Purchase Card Program, Criminal Background Checks, In Garrison WRM Contract)
Veteran's Affairs Special Services Contracting
Contracting for Medical Equipment, WRM, Systems, Supplies, Services, and Facilities ...
AFML List Server
Index to Current List Server Documents
Sign up to receive information on many Medical Logistics programs via e-mail.
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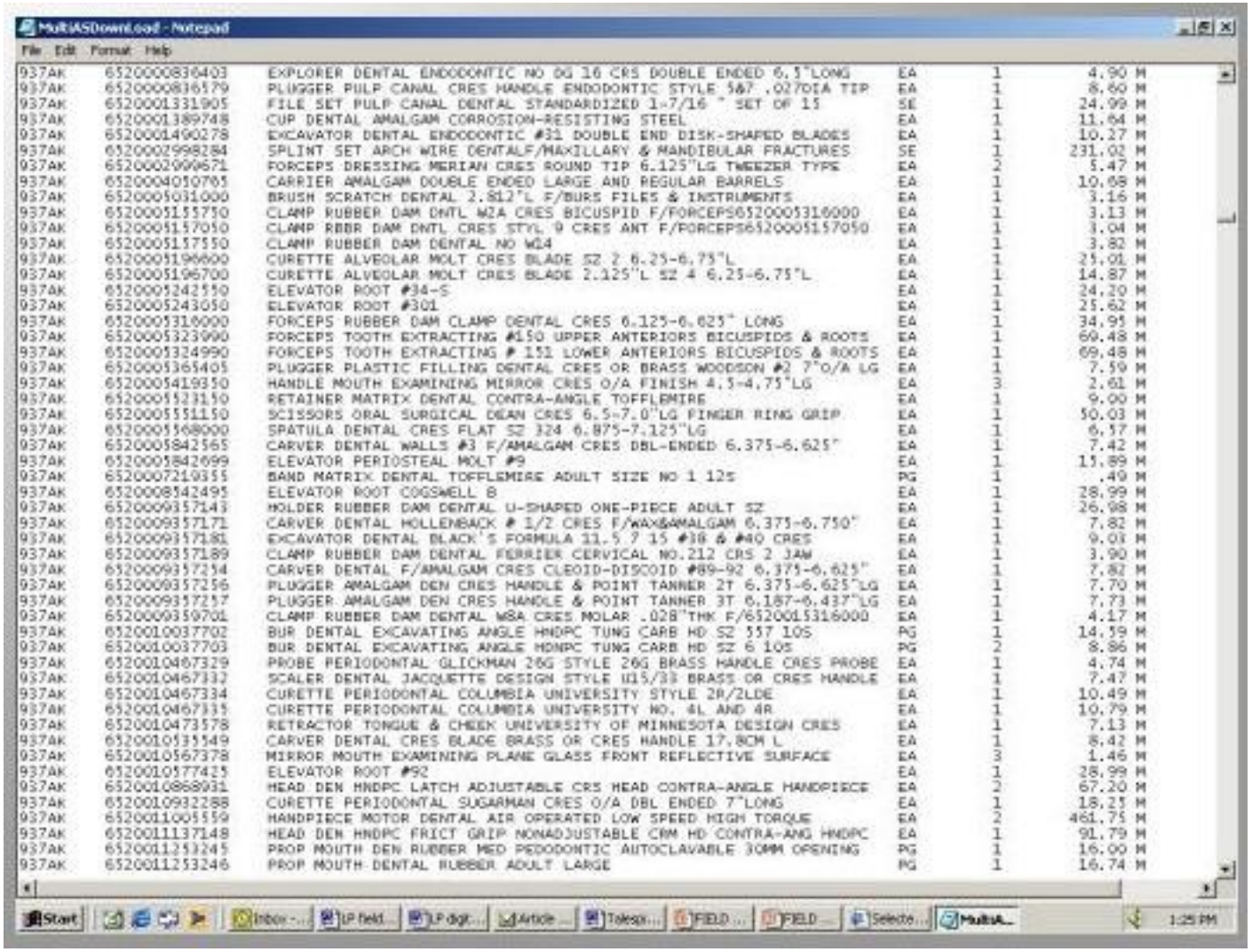
EMEDS
Dental Allowance Standards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937AK	6520000836579	PLUGGER PULP CANAL CRES HANDLE ENDODONTIC STYLE 5&7 .027DIA TIP	EA	1	8.60 M
937AK	6520001331905	FILE SET PULP CANAL DENTAL STANDARDIZED 1-7/16 " SET OF 15	SE	1	24.99 M
937AK	6520001389748	CUP DENTAL AMALGAM CORROSION-RESISTING STEEL	EA	1	11.64 M
937AK	6520001490278	EXCAVATOR DENTAL ENDODONTIC #31 DOUBLE END DISK-SHAPED BLADES	EA	1	10.27 M
937AK	6520002998284	SPLINT SET ARCH WIRE DENTALF/MAXILLARY & MANDIBULAR FRACTURES	SE	1	231.02 M
937AK	6520002999671	FORCEPS DRESSING MERIAN CRES ROUND TIP 6.125"LG TWEEZER TYPE	EA	2	5.47 M
937AK	6520004010765	CARRIER AMALGAM DOUBLE ENDED LARGE AND REGULAR BARRELS	EA	1	10.68 M
937AK	6520005031000	BRUSH SCRATCH DENTAL 2.812"L F/BURS FILES & INSTRUMENTS	EA	1	3.16 M
937AK	6520005155750	CLAMP RUBBER DAM DNTL W2A CRES BICUSPID F/FORCEPS6520005316000	EA	1	3.13 M
937AK	6520005157050	CLAMP RBBR DAM DNTL CRES STYL 9 CRES ANT F/FORCEPS6520005157050	EA	1	3.04 M
937AK	6520005157550	CLAMP RUBBER DAM DENTAL NO W14	EA	1	3.82 M
937AK	6520005196600	CURETTE ALVEOLAR MOLT CRES BLADE SZ 2 6.25-6.75"L	EA	1	21.01 M
937AK	6520005196700	CURETTE ALVEOLAR MOLT CRES BLADE 2.125"L SZ 4 6.25-6.75"L	EA	1	14.87 M
937AK	6520005242550	ELEVATOR ROOT #34-S	EA	1	24.20 M
937AK	6520005243050	ELEVATOR ROOT #301	EA	1	25.62 M
937AK	6520005316000	FORCEPS RUBBER DAM CLAMP DENTAL CRES 6.125-6.625" LONG	EA	1	34.95 M
937AK	6520005323990	FORCEPS TOOTH EXTRACTING #150 UPPER ANTERIORS BICUSPIDS & ROOTS	EA	1	60.48 M
937AK	6520005324990	FORCEPS TOOTH EXTRACTING # 151 LOWER ANTERIORS BICUSPIDS & ROOTS	EA	1	69.48 M
937AK	6520005365405	PLUGGER PLASTIC FILLING DENTAL CRES OR BRASS WOODSON #2 7"O/A LG	EA	1	7.59 M
937AK	6520005419350	HANDLE MOUTH EXAMINING MIRROR CRES O/A FINISH 4.5-4.75"LG	EA	3	2.61 M
937AK	6520005523150	RETAINER MATRIX DENTAL CONTRA-ANGLE TOFFLEMIRE	EA	1	9.00 M
937AK	6520005551150	SCISSORS ORAL SURGICAL DEAN CRES 6.5-7.0"LG FINGER RING GRIP	EA	1	50.03 M
937AK	6520005568000	SPATULA DENTAL CRES FLAT SZ 324 6.875-7.125"LG	EA	1	6.57 M
937AK	6520005842565	CARVER DENTAL WALLS #3 F/AMALGAM CRES DBL-ENDED 6.375-6.625"	EA	1	7.42 M
937AK	6520005842699	ELEVATOR PERIOSTEAL MOLT #9	EA	1	11.89 M
937AK	6520007219355	BAND MATRIX DENTAL TOFFLEMIRE ADULT SIZE NO 1 12S	PG	1	.49 M
937AK	6520008542495	ELEVATOR ROOT COGSWELL 8	EA	1	28.99 M
937AK	6520009357143	HOLDER RUBBER DAM DENTAL U-SHAPED ONE-PIECE ADULT SZ	EA	1	26.98 M
937AK	6520009357171	CARVER DENTAL HOLLENBACK # 1/2 CRES F/WAX&AMALGAM 6.375-6.750"	EA	1	7.82 M
937AK	6520009357181	EXCAVATOR DENTAL BLACK'S FORMULA 11.5 7 15 #38 & #40 CRES	EA	1	9.03 M
937AK	6520009357189	CLAMP RUBBER DAM DENTAL FERRIER CERVICAL NO.212 CRS 2 JAW	EA	1	3.90 M
937AK	6520009357254	CARVER DENTAL F/AMALGAM CRES CLEOID-DISCOID #89-92 6.375-6.625"	EA	1	7.82 M
937AK	6520009357256	PLUGGER AMALGAM DEN CRES HANDLE & POINT TANNER 2T 6.375-6.625"LG	EA	1	7.70 M
937AK	6520009357257	PLUGGER AMALGAM DEN CRES HANDLE & POINT TANNER 3T 6.187-6.437"LG	EA	1	7.73 M
937AK	6520009359701	CLAMP RUBBER DAM DENTAL W8A CRES MOLAR .028"THK F/6520015316000	EA	1	4.17 M
937AK	6520010037702	BUR DENTAL EXCAVATING ANGLE HNDPC TUNG CARB HD SZ 557 10S	PG	1	14.59 M
937AK	6520010037703	BUR DENTAL EXCAVATING ANGLE HDNPC TUNG CARB HD SZ 6 10S	PG	2	8.86 M
937AK	6520010467329	PROBE PERIODONTAL GLICKMAN 26G STYLE 26G BRASS HANDLE CRES PROBE	EA	1	4.74 M
937AK	6520010467332	SCALER DENTAL JACQUETTE DESIGN STYLE U15/33 BRASS OR CRES HANDLE	EA	1	7.47 M
937AK	6520010467334	CURETTE PERIODONTAL COLUMBIA UNIVERSITY STYLE 2R/2LDE	EA	1	10.49 M
937AK	6520010467335	CURETTE PERIODONTAL COLUMBIA UNIVERSITY NO. 4L AND 4R	EA	1	10.79 M
937AK	6520010473578	RETRACTOR TONGUE & CHEEK UNIVERSITY OF MINNESOTA DESIGN CRES	EA	1	7.13 M
937AK	6520010535549	CARVER DENTAL CRES BLADE BRASS OR CRES HANDLE 17.8CM L	EA	1	8.42 M
937AK	6520010567378	MIRROR MOUTH EXAMINING PLANE GLASS FRONT REFLECTIVE SURFACE	EA	3	1.46 M
937AK	6520010577425	ELEVATOR ROOT #92	EA	1	28.99 M
937AK	6520010868931	HEAD DEN HNDPC LATCH ADJUSTABLE CRS HEAD CONTRA-ANGLE HANDPIECE	EA	2	67.20 M
937AK	6520010932288	CURETTE PERIODONTAL SUGARMAN CRES O/A DBL ENDED 7"LONG	EA	1	18.25 M
937AK	6520011005559	HANDPIECE MOTOR DENTAL AIR OPERATED LOW SPEED HIGH TORQUE	EA	2	461.75 M
937AK	6520011137148	HEAD DEN HNDPC FRICT GRIP NONADJUSTABLE CRM HD CONTRA-ANG HNDPC	EA	1	91.79 M
937AK	6520011253245	PROP MOUTH DEN RUBBER MED PEDODONTIC AUTOCLAVABLE 30MM OPENING	PG	1	16.00 M
937AK	6520011253246	PROP MOUTH DENTAL RUBBER ADULT LARGE	PG	1	16.74 M

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Aseptico Command Air Military Field Dental System

Field Dental System Components

- Compressor
- Field Dental Unit
- Patient Treatment Chair
- 2 Operator chairs
- Portable light
- Bracket tray on stand
- Field sink
- Contained In Rugged MILSPEC Cases

Roto-Molded storage cases

Total weight 381 pounds

Aseptico Manuals

- Use your manuals!
- Written information
  - Set up
  - Use
  - Maintenance
  - Troubleshooting
  - Part numbers for re-ordering
- Internet PDR manual
  - http://www.aseptico.com/manuals.html

Aseptico manual

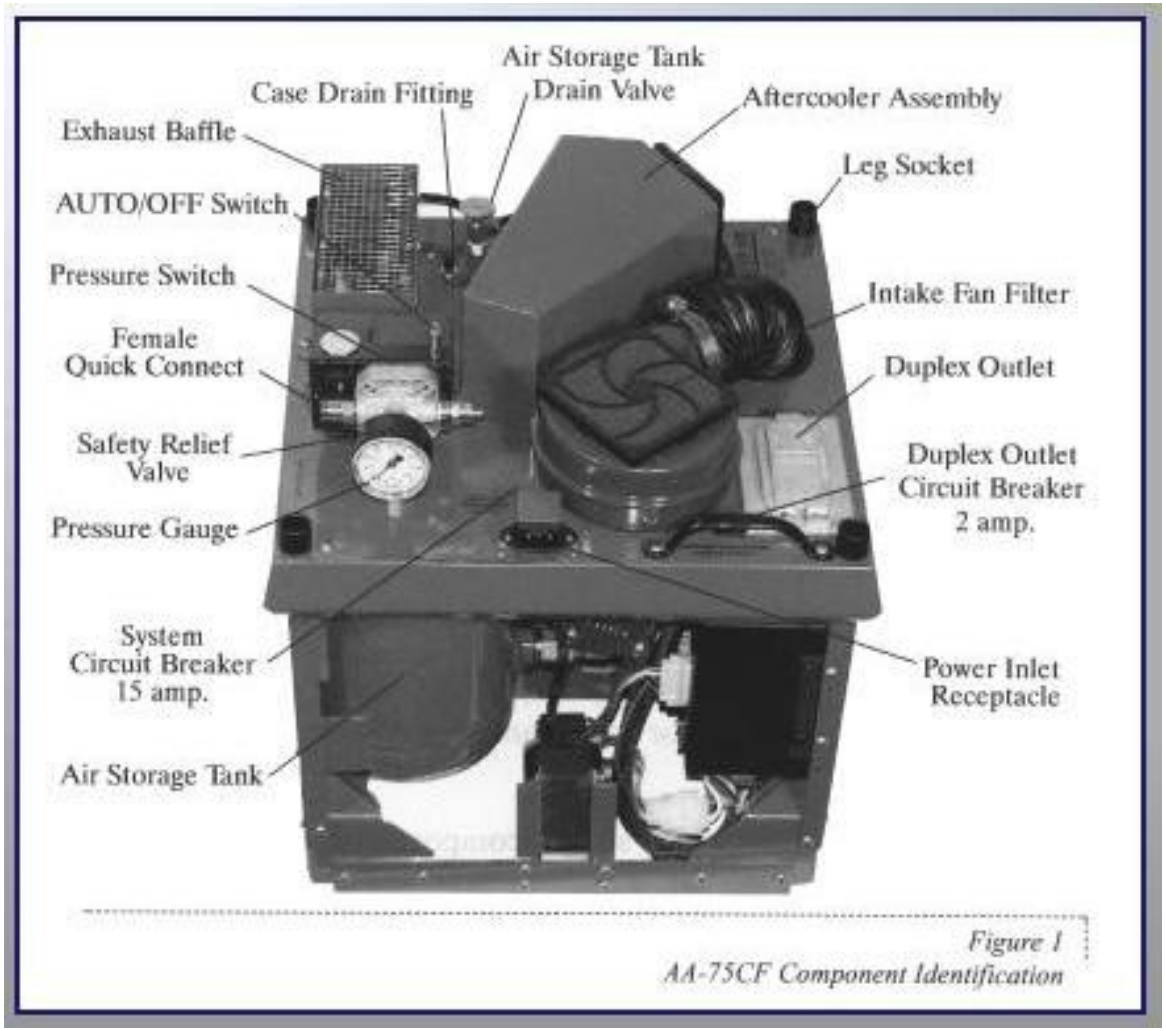
Aseptico Website

Portable Air Compressor

Portable air compressor used to run dental handpieces, air/water s

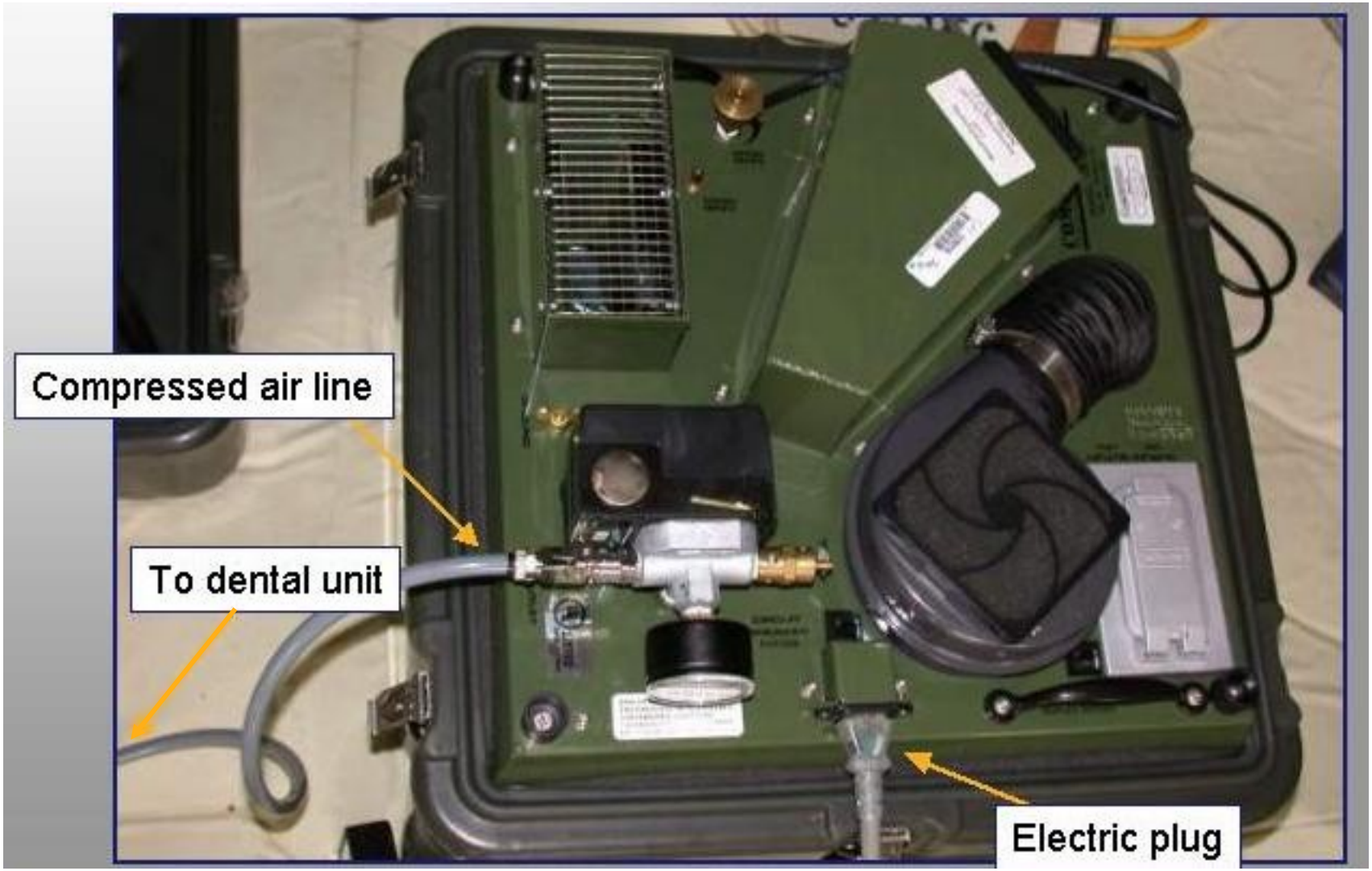
- 3/4 H.P. oil-less compressor.
- 3.4 CFM @ 50 PSI.
- Lid functions as weather shield.
- Corrosion resistant aluminum air storage tank.
- High capacity design for efficient use of available compressed air.
- 115/230v 50/60 Hz dual voltage
- Specially designed fans, filters and coolant system for supplying cool, dry air in extreme weather conditions.
- Dimensions:19" x 19" x 18", 3.76 Cu.Ft.
- **Weight: 103 Lbs.**
- Noise: Under 75 dB(A)

Aseptico Diagram



Aspetico manual

Dental Compressor



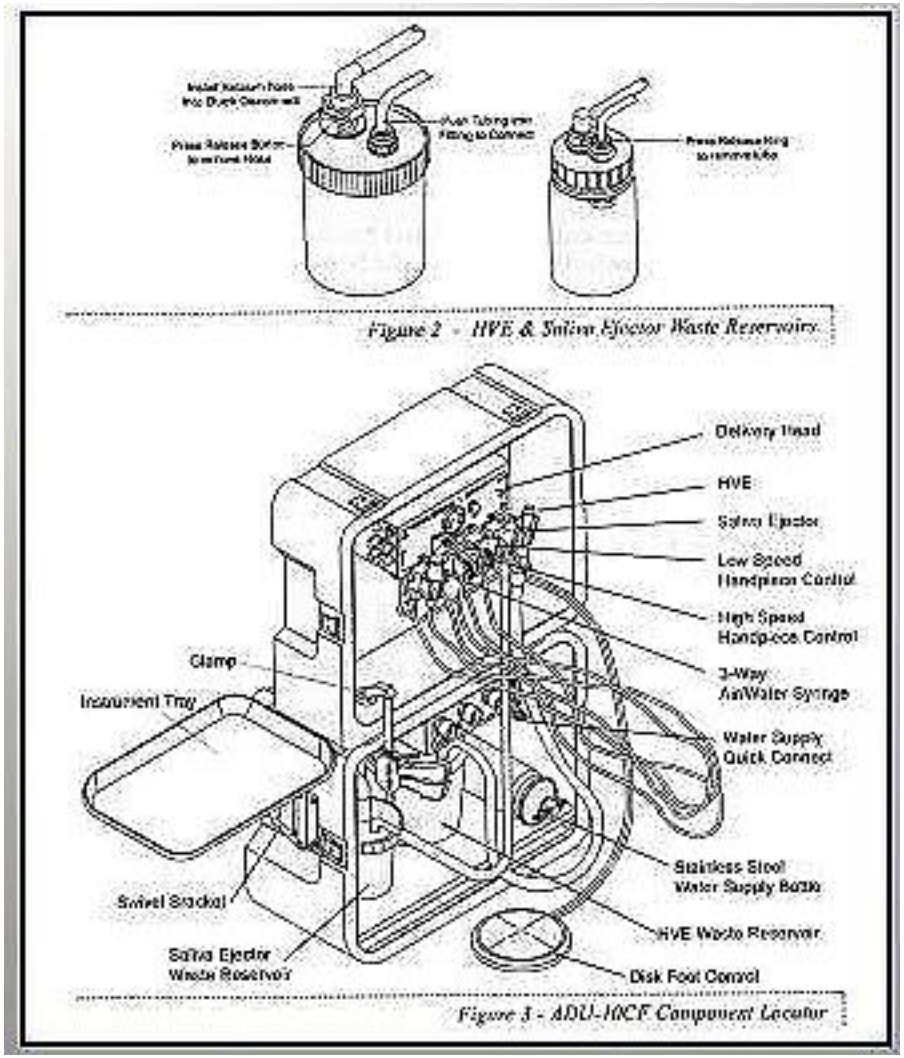
Portable Dental Unit

Dental Unit and Compressor have been designed to function as a complete

Aseptico portable dental unit

- Portable dental unit includes high- & low-speed handpiece controls with individual water and air coolant controls.
- KaVo Fiber Optic illumination system for high-speed handpiece control.
- Three-way air/water autoclavable syringe and tips.
- Self-contained water system.
- Automatic High-volume evacuation (suction) and saliva ejector vacuum systems with auto float shut-offs.
- Removable stainless-steel tray.
- **Weight: 39 Lbs.**
- Dimensions:
17.5" x 16" x 17", 2.75 Cu.Ft.

Aseptico Diagram



Aseptico manual

Packed Field Dental Unit

- Latch mechanism
- Dental Unit packed full

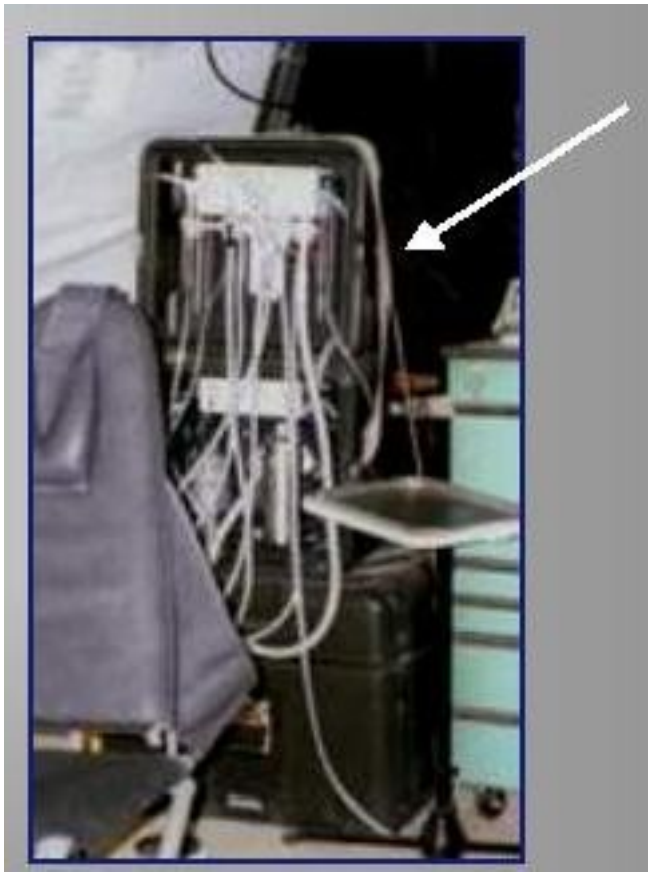
Closed

Tightly packed

Safety First!

Safety First

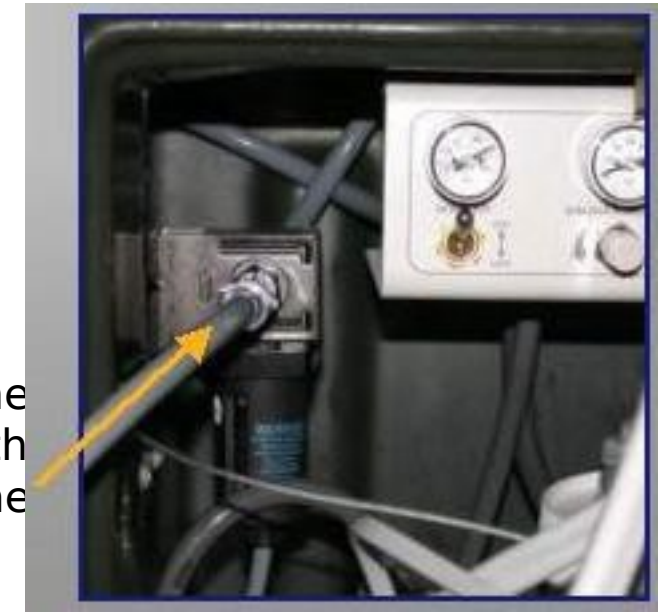
- Field unit is light and unstable
  - Stabilize with tie down strap and secure to heavier object
- Raise field unit - easier to use
  - Parachute strap, bungee cords, or storage box for X-ray head



Dental unit secure with safety strap/cord

Connect Compressor to Dental Unit

Remove the 10-foot-long air supply extension line and attach to the unit and compressor



Compressed air line connected to both th compressor and the dental unit

Field Dental Unit

Remove the high- and low-vacuum hose assemblies from the HVE and Saliva Ejector assemblies and connect to the quick disconnect on the large

Close up of hose assembly

Hang the air water syringe and handpiece tubings in the appropriate holders

Lower portion of dental unit

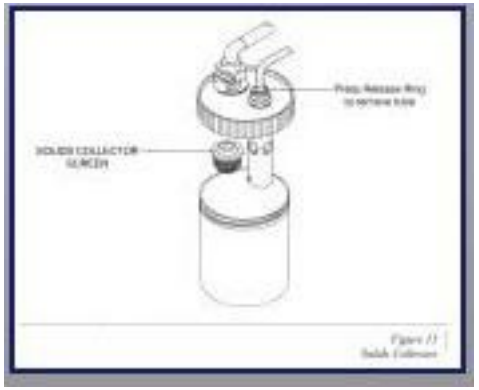
Upper portion of dental unit

Assemble Suction

Not connected

Suction line and waste container connected

- Insert suction lines into waste container using a snap fit
- Reposition waste reservoir in holding shelf



Connected and in holding shelf

Water Reservoir

- Stainless-steel water reservoir
- Locked in position for storage
- Unlatch for use

Stored water reservoir

Sliding holding shelf

- Fill reservoir with bottled or sterile water

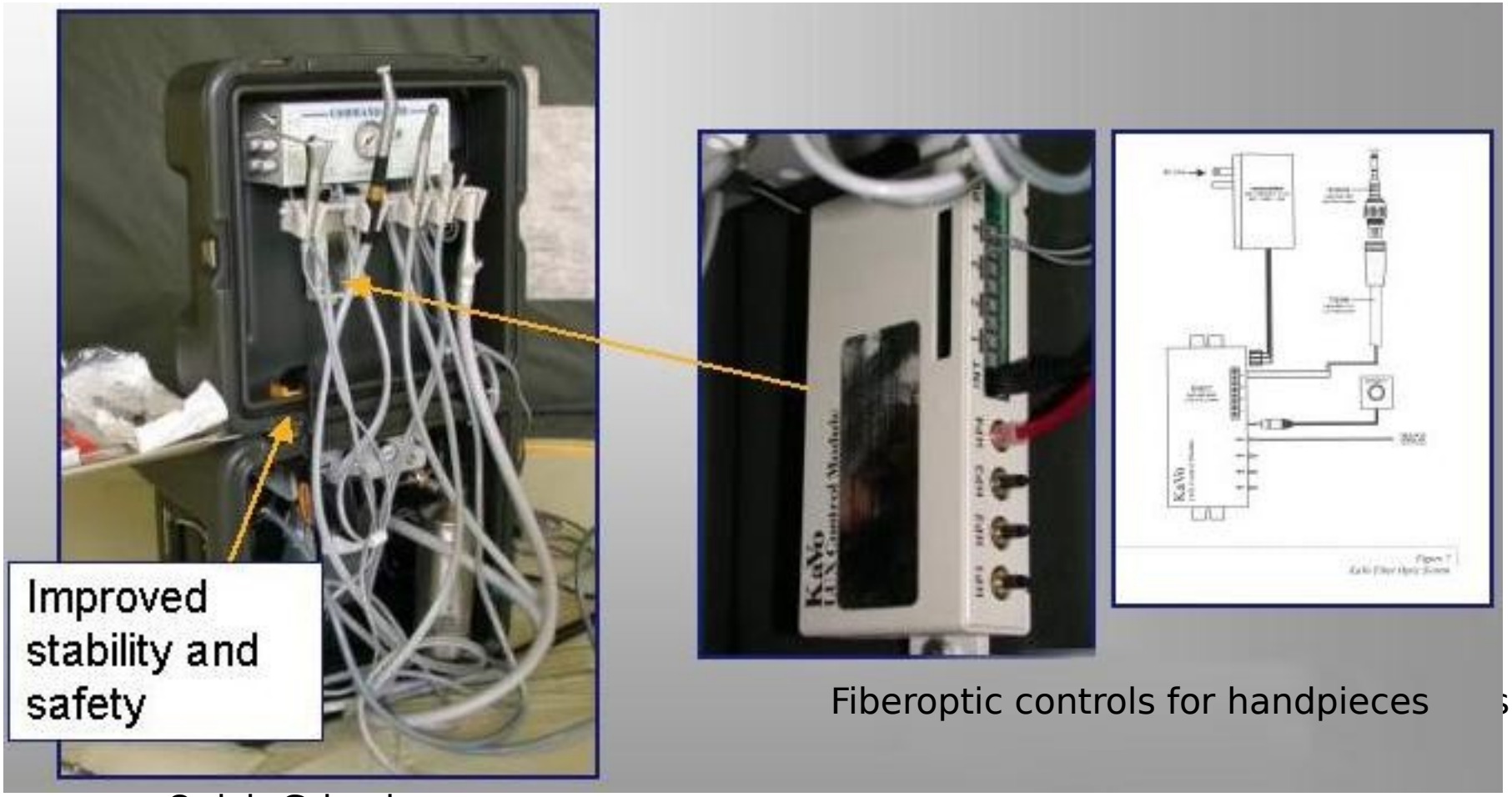
Opened water reservoir

Attach Water Reservoir

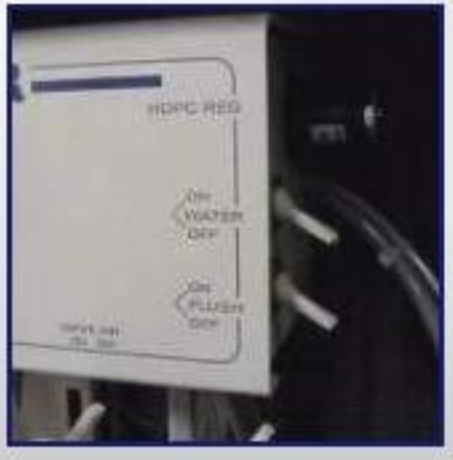
Remove stainless-steel water- supply bottle from storage and install on quick disconnect below the water

Corroded connection

Completed Field Unit



Field Dental Unit Control Panels



Water controls

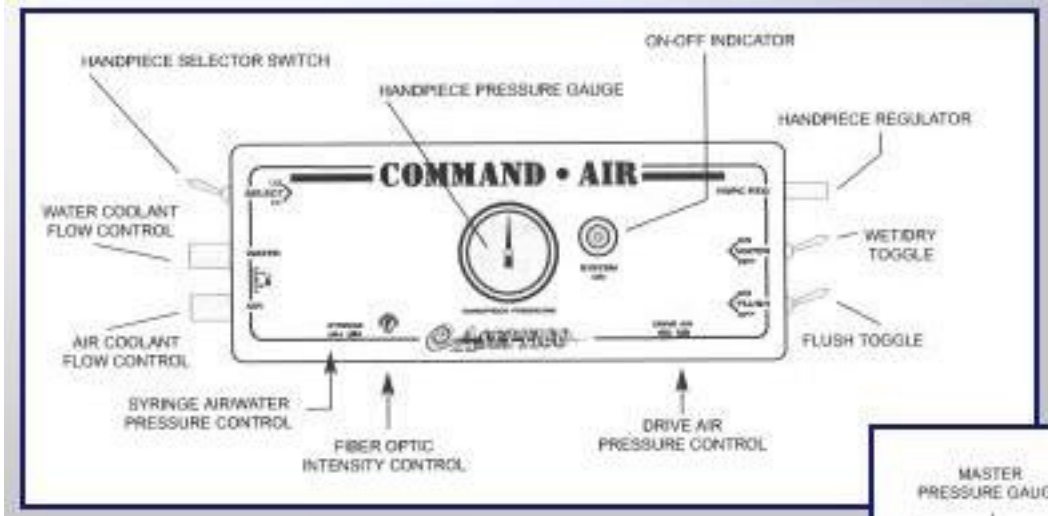
Handpiece controls

Manual switches
- Water on/off
- Select Low (lo) or High (hi) speed handpiece

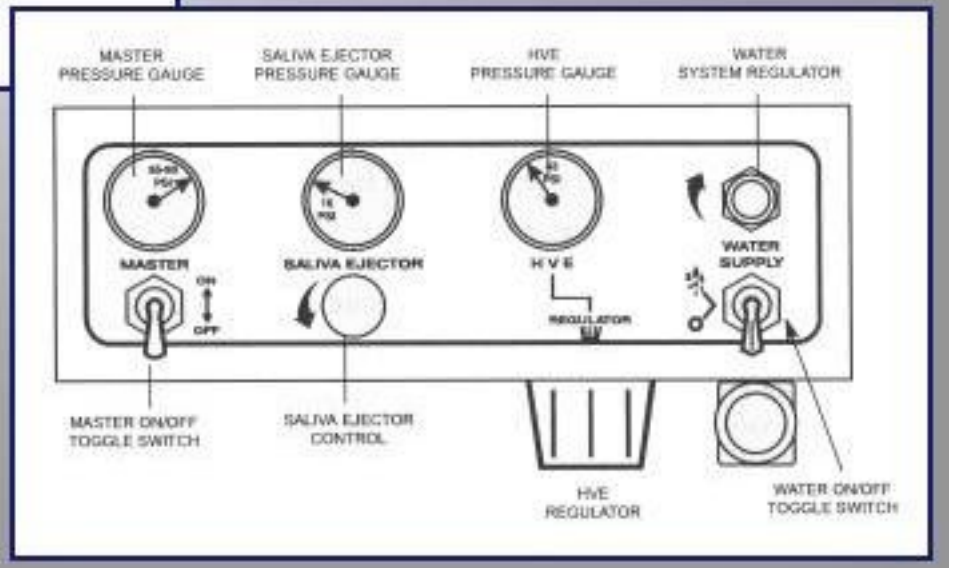
Lower control panel on dental unit

Aseptico

Control Panels



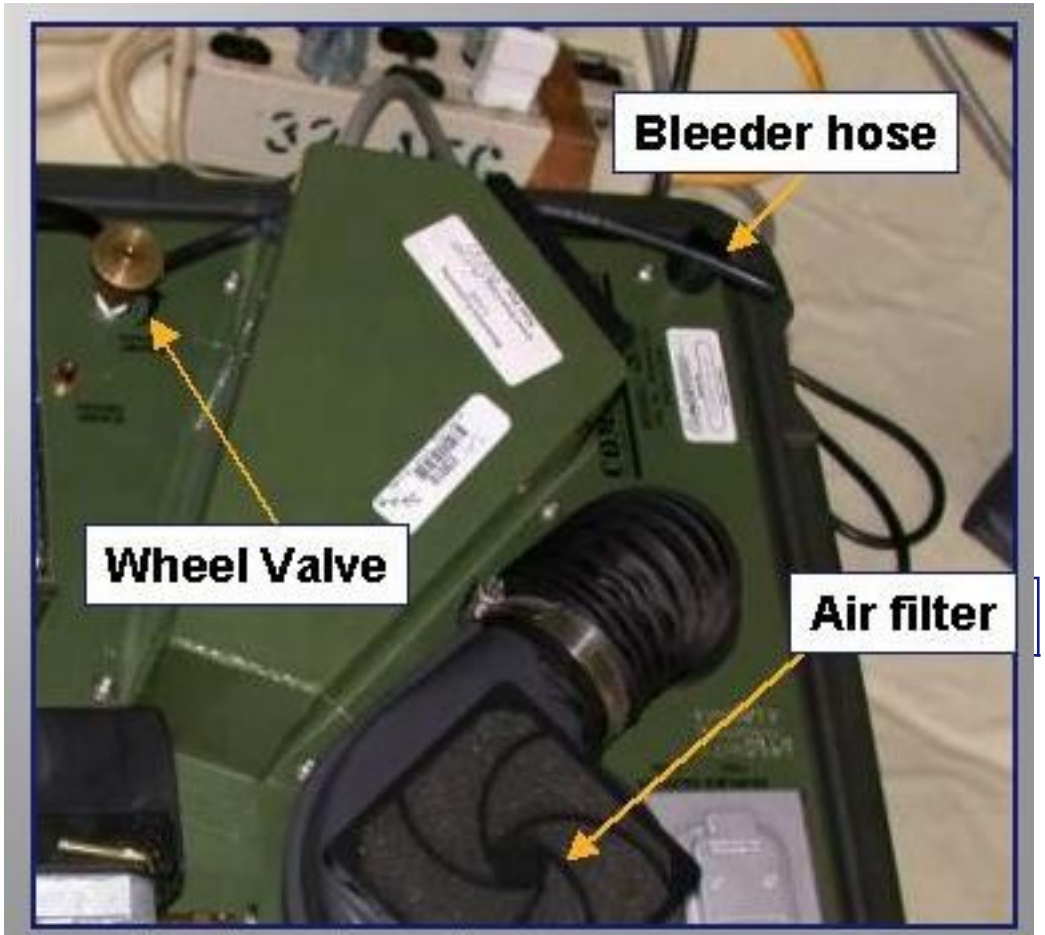
Upper control panel in dental unit



Lower control panel in dental unit

Maintenance

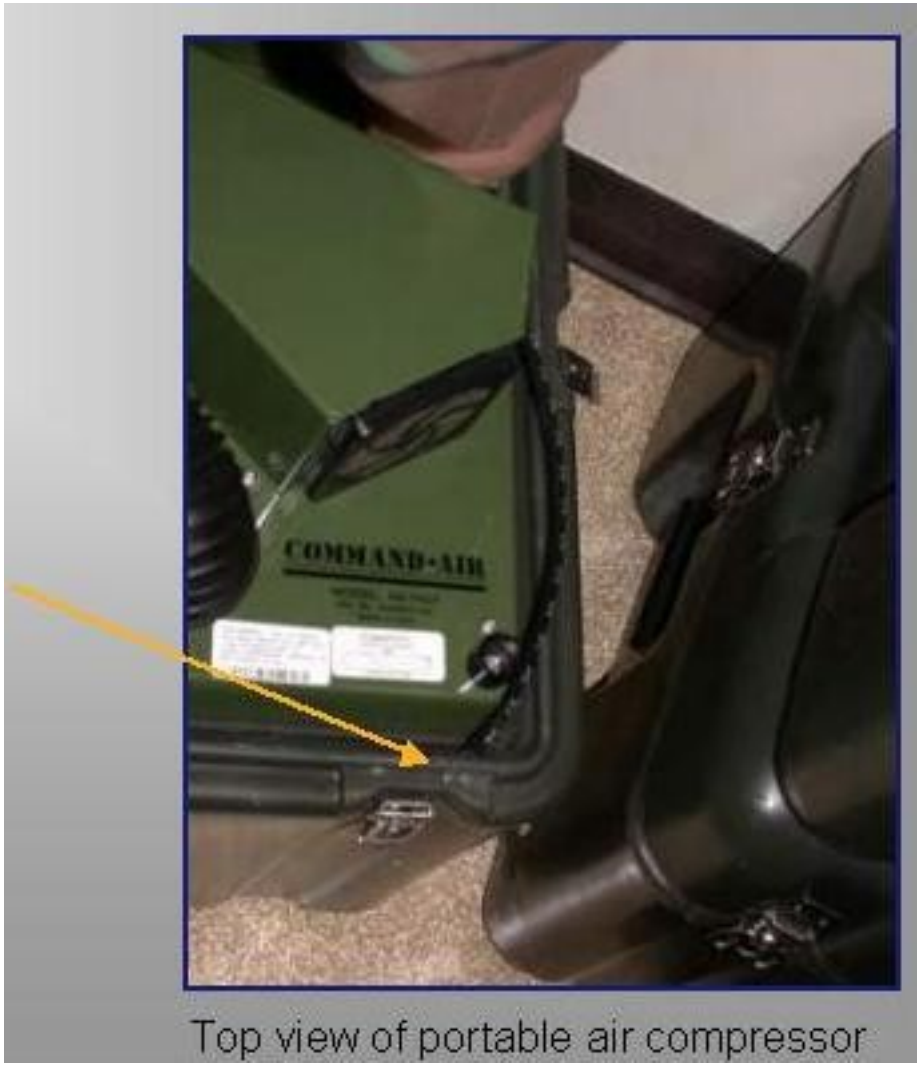
- Compressor
  - Turn off when not in use for extended periods of time
  - Turn off at the end of the day
    - Fully open the wheel valve until all air has escaped
  - Clean air filter over the fan periodically



Top view of portable air compressor

Maintenance

- May see some water the lines from condensation



Top view of portable air compressor

Troubleshooting

- Compressor
  - Draws a lot of electricity, may blow circuit
  - Use solid electric outlet, do not use extension cord

The on/off switch snaps fast and hard.

KEEP FINGERS OUT OF THE WAY!

Top view of portable air compressor

Waterline Flushing

- Flush dental unit lines daily
- Flush lines for several minutes at the beginning of the day. This will empty the water reservoir.
- Flush lines for 20-30 seconds between patients

Waterline Disinfection
(with bleach)

- ***THERE IS NO OFFICIAL INFECTION CONTROL POLICY FOR FIELD DENTAL UNITS***
- Perform daily
- Mix 1:10 dilution of bleach (sodium hypochlorite) into water reservoir
- Run diluted bleach through
  - High-speed handpiece line
  - Low-speed handpiece line
  - 3-way syringe
- Let solution sit in lines for 10 minutes
- Fill water reservoir with clean water and purge lines

Waterline Disinfection
(with Sterilex Ultra)

- Dissolve Sterilex Ultra with warm water in stainless-steel reservoir
- This disinfectant is now part of the allowance standards for EMEDS

Properly dissolved Sterilex

Sterilex disinfectant concentrate

Undissolved Sterilex

Will NOT dissolve in cold water!

Waterline Disinfection
(with Sterilex Ultra)

- Run Sterilex through
  - High-speed handpiece line
  - Low-speed handpiece line
  - 3-Way syringe
- Soak in lines overnight

Sterilex coming through lines into container

Handpiece and 3-way syringe lines

Waterline Disinfection
(with Sterilex Ultra)

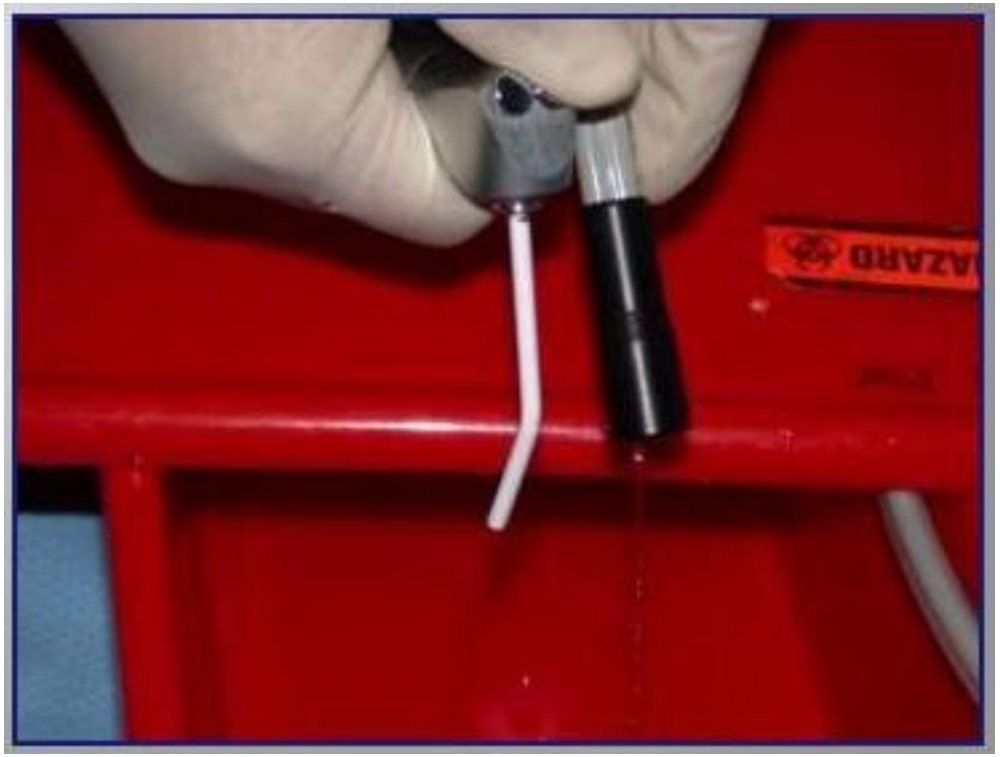
- Empty remaining Sterilex
- Rinse reservoir
- Fill reservoir with clean

Clean water in reservoir

Reconnect reservoir to dental unit

Rinse Waterlines

- Run clean water through
  - High-speed handpiece line
  - Low-speed handpiece line
  - 3-Way syringe
- Purge lines



Clean water coming through lines

IMPROVISE!

- Duct Tape
- Don’t leave home without it

Flexibility is the key to airpower

Low-volume suction waste container

Suction-line Disinfection

- Empty contents of suction waste reservoirs. Comply with host nation policy for waste disposal
- Disinfect suction lines with approved cleaner daily
- Place concentrate in tub, mix with water according to manufacturer's instructions
- Draw cleaning solution through low- and high-volume suction lines
- Dispose of waste reservoir contents in sanitary sewer
- Rinse with clean water and purge lines

Maintenance

Upper control panel with handpieces

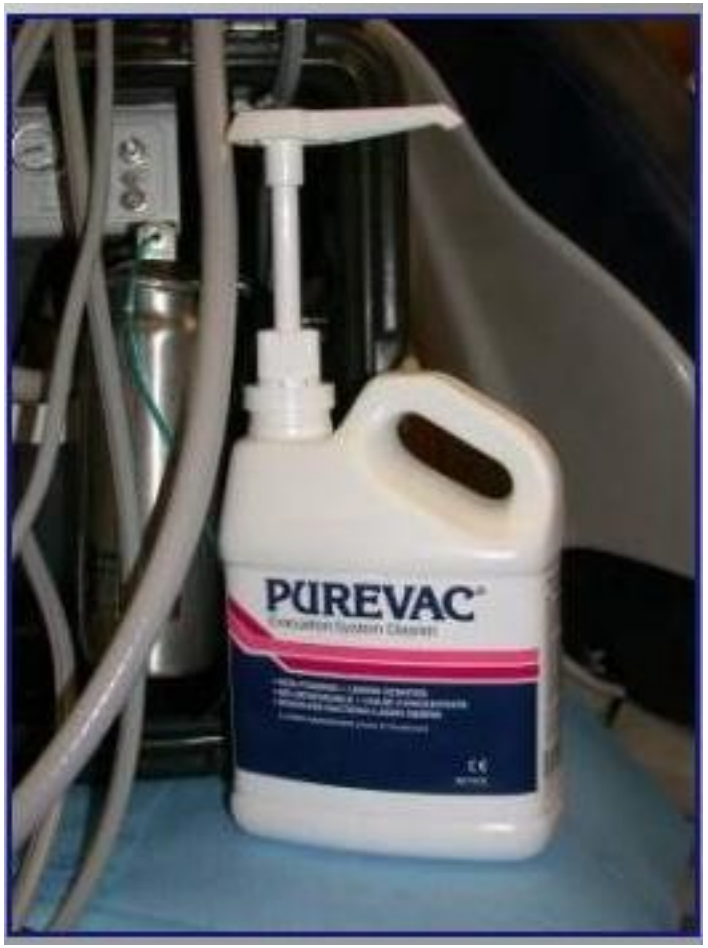
Suction lines

Waste containers

Lower control panel and reservoirs

Suction-Line Disinfection

- Several brands available
  - Vacusol, Purevac
- Vacusol or Purevac
- Same process



Purevac disinfection concentrate

Suction-Line Disinfection

Purevac concentrate mixed with water

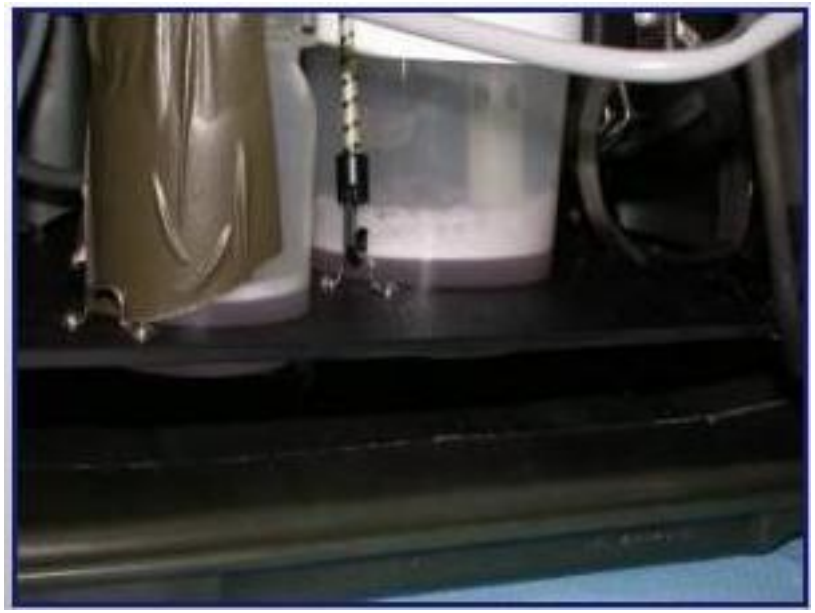
- Place concentrated disinfectant in container
- Dilute with water

High volume suction

- Draw solution through
  - HVE line
  - Saliva ejector line

Saliva ejector

Suction-Line Disinfection



Solution in waste containers

- Solution deposited in waste reservoir

Remove waste containers from holding shelf

Suction-Line Disinfection

Empty waste container

- Empty contents in accordance with host nation policy

- Draw clean water through both suction lines

High volume suction and saliva ejector

Suction-Line Disinfection

- Rinse water deposits in waste reservoir
- Empty contents
- Dry container

Waste containers with ‘clean’ rinse water

Empty waste contatiners

Troubleshooting

- Field Dental Unit
  - Connector from water reservoir to plastic tubing is fragile and may break. May be repaired with repair acrylic (not on standard inventory)
  - Water reservoir is stainless steel
    - difficult to see when water is running low
  - High- and low-volume suction is weak
  - Swivel attachment to high speed handpiece
    - Two red dots must be lined up for water spray to function

Water reservoir connected to dental unit by coupling and plastic tubing

Troubleshooting

- Field Dental Unit
  - Suction and handpiece hoses are very short
    - Operator cannot easily get into 12 o'clock position during patient treatment
    - Newer models do not have this limitation
  - Waste containers are small and must be emptied frequently
    - Possibly more than once during patient treatment
  - Air/water syringe only comes with *one* stainless steel tip
    - Disposable syringe tips may not fit this model
    - Use appropriate adapter kit to avoid accidental aspiration of tip

Portable Dental Chair

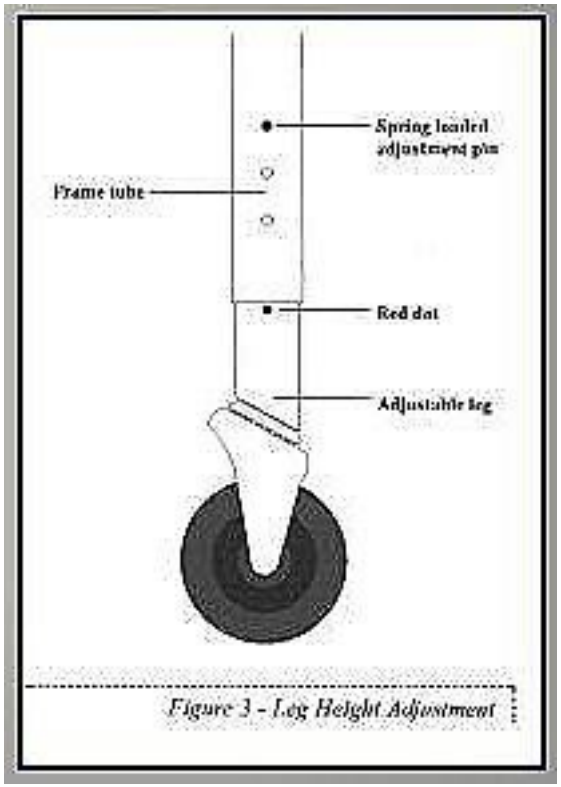
Field dental patient chair

- Steel frame with vinyl covering
- Adjustable height & back
- Functions as standard sit-up chair
- Easy quick set-up and take down
- Adjustable pillow headrest.
- Dimensions:
  39" x 30" x 16.5",
  11.17 Cu.Ft.
- **Weight: 80 Lbs.**
  (In hard shell case)

Operator Stools

Dental stools for dentist and assistant

- 2 Portable stools to go with ADC-01 AseptiChair. It folds neatly into a carrying case.
- Features include padded back and seat, casters and adjustable height.
- Replacement soft padded case - Item #410093
- **Weight – 60 lbs**



Front and back legs are different lengths

Portable Light

Portable light

- Bright halogen light on highly adjustable tripod stand
- Dual voltage: 115/230v 50/60Hz.
- Fits in hard chair case.
- **Weight: 15 Lbs.**

Headlamp in case

Headlamp

NOTE: Headlamp included in EMEDS inventory

Portable Field Sink

- Hands free washing- operated electrically or with manual foot pump

- System uses standard military water containers

- Water and waste lines are not interchangeable and have anti-retraction check valves to protect against cross contamination.

- Stainless-steel side tray

- Dual voltage; 120/220 - 50/60 Hz.

- **Weight- 48 lbs**

Portable sink with water storage containers

- Assemble sink and foot pedal
- Fill clean water container from an approved source
- Connect clean and waste water hoses to containers
- Connect electric foot pedal to electrical source

Patient Care

Supplies

- Medical Logistics
  - UDR CD-Rom
    - Unit Depository Registry
    - Database of medical supplies
    - Search by NSN, keyword, part #, manufacturer
  - Logistics will do the actual ordering
  - Order early! It may take months to get supplies
  - Recommend ordering back up of essential items
    - Halogen light bulb for portable light
    - Headlamp light bulb
    - Digital x-ray sensor (have one extra; expensive)
  - If it is not on the allowance standards, bring it with you!

Medical Waste

- Blood and blood-soaked material
- Comply with Bloodborne Pathogens Guidelines and host nation policy
  - Host Nation Policy generally more stringent than U.S. guidelines

Instrument Processing

- EMEDS Basic
  - Small dry-heat sterilizer
- EMEDS +10 and +25
  - Large steam autoclave sterilizer
- Clean instruments safely…wear PPE!
  - Use ultrasonic cleaner if available
  - If no ultrasonic cleaner
    - Clean immediately with soap and water or soak in enzymatic cleaner to assist debridement
  - Package for sterilization
  - Heat sterilize
  - Use a liquid-chemical germicide if heat sterilization is unavailable
    - sterilant, high-level disinfectant

The Wave of the Future

- **Aseptico Transport MDS (Military Dental System)**
- 3-way autoclavable syringe
- Autoclavable 30,000 RPM motor
- High- & low-volume evacuation
- Self-contained water supply
- Self-contained air compressor
- On/off foot switch
- High impact case with wheels
- Piezo ultrasonic scaler
- Accepts 110V or 220V power source.
- Power inverter with NATO connector allows Transport MDS to be operated from 24 volt military vehicle's power generation

Transport Military Dental System

The Wave of the Future

Portabell Dental Field Operating System

IN A NUTSHELL	
Product Name	Dental Field Treatment and Operating System (DEFTOS)
Product Description	field dental unit
Manufacturer	Bell Dental Products
Price	(retail) $10,995 (government) $9,895.50 - $10,445.25 (based on the buyer's requested delivery time)
PROs	+ Easy to set up and use. + Functions reliably. + Small and relatively lightweight. + Already has NSN.
CONs	- Bracket tray is hard to adjust. - Minimal guidelines-disinfecting waterlines.
DIS Rating	★ [illegible]
BOTTOM LINE	DEFTOS is a user-friendly, reliable field unit that evaluators enjoyed using.

The Wave of the Future

- Makes dentistry possible anywhere on earth!
- Take dentistry to remote areas
- Rugged solar-cell power source to charge battery
- No electricity needed
- Up to 8 hours charge
- Up to 150,000 rpm

Travelbell battery recharging system
Allows dental care in remote locations

355 AIR EXPEDITIONARY GROUP
OPERATION ENDURING FREEDOM

Dental personnel in
a deployed location

Proud to serve